

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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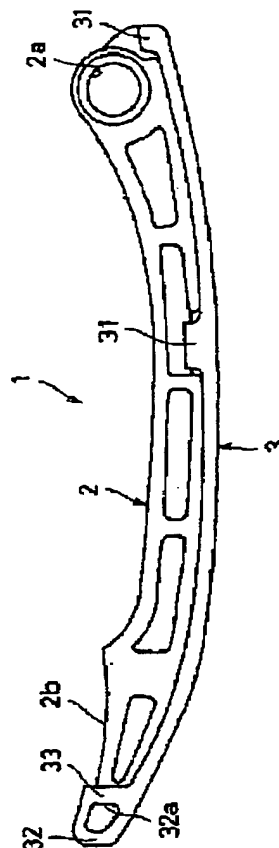
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APPLICATION NUMBER : 10288797

APPLICANT : BORG WARNER AUTOMOTIVE KK;

INVENTOR : YOSHIDA YUKIO;

INT.CL. : F16H 7/18 F16H 7/08 // B29C 45/00

TITLE : CHAIN TENSIONER ARM AND CHAIN  
GUIDE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent rupture of a shoe on a tensioner arm having the resin made shoe or a chain guide.

SOLUTION: An extended part 32 to extend to the side of a back surface 2b of an arm main body part 2 is provided on one end of a shoe 3, and a plate type reinforcing part 33 is formed on this extended part 32 on a tensioner arm 1 constituted of the arm main body part 2 and the resin made shoe 3 installed on it free to connect and disconnect to and from it. Consequently, it is possible to restrain bending deformation of the extended part 32 by the reinforcing part 33 even in the case when a bending moment in accordance with pressing force from the arm main body part 2 in the middle of driving a chain, and consequently, it is possible to prevent rupture of the shoe 3 on the extended part 32.

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